

NWS FORM E-5

(11-88)

(PRES. by NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo (SJT)**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH **August**

YEAR

2004

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

September 15, 2004

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)

[X] No flood stages were reached in the HSA this month.

Much of West Central Texas experienced an unseasonably wet and cool month during August. Early in the month, the upper level ridge of high pressure shifted westward releasing its control over the HSA. Westerly to Northwesterly flow dominated the remainder of the month and allowed periodic rainfall events.

A wet pattern set up beginning on the 6th of the month that produced numerous showers intermittently through the 9th. One to two inches were reported across the Heartland, Concho Valley and Northern Edwards Plateau. The Northwest Hill Country received two to three inches of rain. The Big Country received rainfall totals of generally less than half of an inch.

Another notable wet period began on the 12th of the month that produced showers and thunderstorms periodically through the 15th. Heavy rain fell over the Northern Edwards Plateau on the evening of the 12th with Crockett County receiving as much as two inches of rain. The next heavy rainfall event from the system occurred on the 15th as the Big Country, North of Interstate 20, received one to two inches of rain. The remainder of West Central Texas received generally less than one inch of rain.

From the 19th through the 22nd, much of the area received beneficial rains with isolated flash flooding occurring over the Heartland, Big Country and Concho Valley. Over the four day period, areas in Callahan, Brown, San Saba, Coleman and McCulloch Counties received over five inches of rain. As much as seven inches of rain was reported in Southern Callahan County and central San Saba County received over six inches of rain. The San Saba and Colorado Rivers in San Saba County were flowing around bankfull from the runoff.

The last notable rainfall event in August occurred over the 30th and 31st. Heavy rain fell over portions of the Big Country, Concho Valley and Northern Edwards Plateau. Two inches of rain was widely reported over these areas. Western Sutton County received the heaviest amounts of up to eight inches, causing flooding of roads and low lying areas.

The San Angelo Regional Airport received 4.32 inches of rain in August, which was 2.27 inches above the monthly normal rainfall of 2.05 inches.

The Abilene Regional Airport received 5.02 inches of rain in August, which was 2.39 inches above the monthly normal rainfall of 2.63 inches.

Rainfall Totals for August, 2004:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	5.43	Menard	4.19
Acton Ranch	M	Merkel 12SW	4.82
Albany	4.74	Oak Creek Lake	5.37
Anson	4.46	Ozona 1SSW	5.00
Ballinger 2NW	3.37	Paint Rock	4.63
Brady	5.21	Putnam	5.33
Brownwood	2.60	Richland Springs	5.25
Burkett	4.69	Robert Lee	6.17
Coleman	5.79	Roscoe	3.50
Concho Park	3.50	Rotan	3.67
Eldorado	6.11	San Angelo WFO	4.48
Eldorado 10W	M	San Saba 7NW	8.13
Eldorado 12N	6.35	Silver Valley	5.36
Fort Griffin	3.81	Sonora	6.95
Fort McKavett	6.34	Stamford	1.27
Funk Ranch	4.19	Sterling City	3.18
Glen Cove	6.49	Sterling City 8NE	M
Hamlin	1.60	Taylor Ranch	3.00
Haskell	2.89	Telegraph	3.74
Hords Creek	6.06	Throckmorton 7NE	3.38
Humble Pump	4.73	Trent	5.56
Junction 4SSW	4.59	Water Valley	3.58
Lake Abilene	M	Water Valley 11NE	3.31
Lawn	M	Winters	6.73
London 3N	5.41	Woodson	2.27
Mason	4.63	(M) Missing data	

Reservoir Conditions (end of August, 2004)

Reservoir	Conservation Capacity (Ac-Ft)	Current Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	39,760	57
Lake Stamford	52,700	31,210	59
Hubbard Creek Lake	317,800	126,560	40
Hords Creek Lake	8,800	3,450	39
Lake Brownwood	131,428	131,428	100
E.V. Spence	488,760	37,450	8
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	1,720	1
O.H. Ivie	554,340	171,000	31

Hydro Products Issued

FFA = 8

FFW = 30

FFS = 17

FLS = 30 (Urban and Small Stream Advisories)

RVS = 2